

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/823,980BDATE: 02/08/1999  
TIME: 09:50:36

INPUT SET: S30532.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

- 1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Weiner, Amy J.  
6 Houghton, Michael  
7  
8 (ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus  
9 E2/NS1 Region  
10  
11 (iii) NUMBER OF SEQUENCES: 134  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Chiron Corporation  
15 (B) STREET: 4560 Horton Street  
16 (C) CITY: Emeryville  
17 (D) STATE: CA  
18 (E) COUNTRY: USA  
19 (F) ZIP: 94608-2916  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER: US 08/823,980  
29 (B) FILING DATE: 25-MARCH-1997  
30 (C) CLASSIFICATION:  
31  
32 (viii) ATTORNEY/AGENT INFORMATION:  
33 (A) NAME: Rosen, Mark J.  
34 (B) REGISTRATION NUMBER: 39,822  
35 (C) REFERENCE/DOCKET NUMBER: CHIR-0108  
36  
37 (ix) TELECOMMUNICATION INFORMATION:  
38 (A) TELEPHONE: 215-564-6525  
39 (B) TELEFAX: 215-568-3439  
40  
41  
42 (2) INFORMATION FOR SEQ ID NO:1:  
43  
44 (i) SEQUENCE CHARACTERISTICS:  
45 (A) LENGTH: 6 amino acids  
46 (B) TYPE: amino acid

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/823,980BDATE: 02/08/1999  
TIME: 09:50:37

INPUT SET: S30532.raw

47 (C) STRANDEDNESS: single  
48 (D) TOPOLOGY: linear  
49  
50 (ii) MOLECULE TYPE: peptide  
51  
52  
53 (ix) FEATURE:  
54 (A) NAME/KEY: Xaa  
55 (B) LOCATION: 1  
56 (D) OTHER INFORMATION: /label= variable  
57 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,  
58 or Thr"  
59  
60 (ix) FEATURE:  
61 (A) NAME/KEY: Xaa  
62 (B) LOCATION: 2  
63 (D) OTHER INFORMATION: /label= variable  
64 /note= "Represents Ile, Leu, Met, Phe or Trp"  
65  
66 (ix) FEATURE:  
67 (A) NAME/KEY: Xaa  
68 (B) LOCATION: 3  
69 (D) OTHER INFORMATION: /label= variable  
70 /note= "Represents Leu or Phe"  
71  
72 (ix) FEATURE:  
73 (A) NAME/KEY: Xaa  
74 (B) LOCATION: 6  
75 (D) OTHER INFORMATION: /label= variable  
76 /note= "Represents Ala or Gly"  
77  
78  
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
80  
81 Xaa Xaa Xaa Xaa Xaa Xaa  
82 1 5  
83  
84  
85 (2) INFORMATION FOR SEQ ID NO:2:  
86  
87 (i) SEQUENCE CHARACTERISTICS:  
88 (A) LENGTH: 32 amino acids  
89 (B) TYPE: amino acid  
90 (C) STRANDEDNESS: single  
91 (D) TOPOLOGY: linear  
92  
93 (ii) MOLECULE TYPE: peptide  
94  
95 (ix) FEATURE:  
96 (A) NAME/KEY: Xaa  
97 (B) LOCATION: 1  
98 (D) OTHER INFORMATION: /label= Dpr  
99 /note= 2,3-diaminopropionic is acetyl cysteine

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/823,980BDATE: 02/08/1999  
TIME: 09:50:37

INPUT SET: S30532.raw

100  
101 (ix) FEATURE:  
102 (A) NAME/KEY: Xaa  
103 (B) LOCATION: 2  
104 (D) OTHER INFORMATION: /label= Ahe  
105 /note= 2-amino heptanoic is butyl alanine  
106  
107  
108  
109  
110  
111 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
112  
113 Xaa Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser  
114 1 5 10 15  
115  
116 Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu  
117 20 25 30  
118  
119  
120  
121 (2) INFORMATION FOR SEQ ID NO:3:  
122  
123 (i) SEQUENCE CHARACTERISTICS:  
124 (A) LENGTH: 5 amino acids  
125 (B) TYPE: amino acid  
126 (C) STRANDEDNESS: single  
127 (D) TOPOLOGY: linear  
128  
129 (ii) MOLECULE TYPE: peptide  
130  
131  
132  
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
134  
135 Val Ser Leu Leu Ala  
136 1 5  
137  
138  
139 (2) INFORMATION FOR SEQ ID NO:4:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 7 amino acids  
143 (B) TYPE: amino acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: peptide  
148  
149  
150  
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
152

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/823,980BDATE: 02/08/1999  
TIME: 09:50:37

INPUT SET: S30532.raw

153 Ser Leu Leu Ala Pro Gly Ala  
154 1 5  
155  
156

## 157 (2) INFORMATION FOR SEQ ID NO:5:

158 (i) SEQUENCE CHARACTERISTICS:  
159 (A) LENGTH: 5 amino acids  
160 (B) TYPE: amino acid  
161 (C) STRANDEDNESS: single  
162 (D) TOPOLOGY: linear  
163  
164

165 (ii) MOLECULE TYPE: peptide

166  
167  
168  
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

170 Leu Ala Pro Gly Ala  
171 1 5  
172  
173  
174  
175

## 176 (2) INFORMATION FOR SEQ ID NO:6:

177 (i) SEQUENCE CHARACTERISTICS:  
178 (A) LENGTH: 7 amino acids  
179 (B) TYPE: amino acid  
180 (C) STRANDEDNESS: single  
181 (D) TOPOLOGY: linear  
182  
183

184 (ii) MOLECULE TYPE: peptide

185  
186 (ix) FEATURE:  
187 (A) NAME/KEY: Xaa  
188 (B) LOCATION: 7  
189 (D) OTHER INFORMATION: /label= variable  
190 /note= "Represents Ala, Pro or Ser"  
191  
192  
193

## 194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

195 Ser Leu Leu Xaa Xaa Gly Xaa  
196 1 5  
197  
198  
199

## 200 (2) INFORMATION FOR SEQ ID NO:7:

201 (i) SEQUENCE CHARACTERISTICS:  
202 (A) LENGTH: 7 amino acids  
203 (B) TYPE: amino acid  
204 (C) STRANDEDNESS: single  
205

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/823,980BDATE: 02/08/1999  
TIME: 09:50:38

INPUT SET: S30532.raw

206 (D) TOPOLOGY: linear.  
207  
208 (ii) MOLECULE TYPE: peptide  
209  
210  
211 (ix) FEATURE:  
212 (A) NAME/KEY: Xaa  
213 (B) LOCATION: 7  
214 (D) OTHER INFORMATION: /label= variable  
215 /note= "Represents Ala, Pro or Ser"  
216  
217  
218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
219  
220 Ser Leu Phe Xaa Xaa Gly Xaa  
221 1 5  
222  
223  
224  
225 (2) INFORMATION FOR SEQ ID NO:8:  
226  
227 (i) SEQUENCE CHARACTERISTICS:  
228 (A) LENGTH: 31 amino acids  
229 (B) TYPE: amino acid  
230 (C) STRANDEDNESS: single  
231 (D) TOPOLOGY: linear  
232  
233 (ii) MOLECULE TYPE: peptide  
234  
235 (ix) FEATURE:  
236 (A) NAME/KEY: Xaa  
237 (B) LOCATION: 1  
238 (D) OTHER INFORMATION: /label= variable  
239 /note= "Represents Ala, Ser, Glu, Gln, Gly, His, Thr,  
240 Asp, Arg, Lys, Asn, or Val"  
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242 (ix) FEATURE:  
243 (A) NAME/KEY: Xaa  
244 (B) LOCATION: 3  
245 (D) OTHER INFORMATION: /label= variable  
246 /note= "Represents Tyr, Gln, Arg, His, Thr, Asn, Ile,  
247 Leu, or Ser"  
248  
249 (ix) FEATURE:  
250 (A) NAME/KEY: Xaa  
251 (B) LOCATION: 8  
252 (D) OTHER INFORMATION: /label= variable  
253 /note= "Represents Ala, Gln, Val, Ile, Asn, Thr, Ser,  
254 Lys, Glu, Arg, or His"  
255  
256 (ix) FEATURE:  
257 (A) NAME/KEY: Xaa  
258 (B) LOCATION: 14

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/823,980B**

DATE: 02/08/1999  
TIME: 09:50:38

*INPUT SET: S30532.raw*

Line

Error

Original Text